

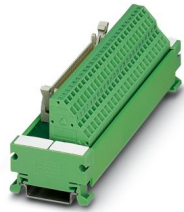
# UM 45-FLK64/ZFKDS - Termination board



2293608

<https://www.phoenixcontact.com/us/products/2293608>

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VARIOFACE module, with spring-cage connection and flat-ribbon cable connector, for mounting on NS 35/7.5, 64-pos.

The figure shows a 50-pos. version

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 2293608                        |
| Packing unit                         | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | NULL                           |
| Product key                          | DK21A1                         |
| GTIN                                 | 4017918120504                  |
| Weight per piece (including packing) | 207.2 g                        |
| Weight per piece (excluding packing) | 176.87 g                       |
| Customs tariff number                | 85369010                       |
| Country of origin                    | DE                             |

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## Technical data

### Product properties

|                     |                  |
|---------------------|------------------|
| Product type        | Interface module |
| Number of positions | 64               |

### Insulation characteristics

|                      |    |
|----------------------|----|
| Overvoltage category | II |
| Pollution degree     | 2  |

### Electrical properties

|   |           |
|---|-----------|
| Nominal voltage $U_N$                     | < 50 V AC |
|   | 60 V DC   |
| Max. current carrying capacity per branch | 1 A       |

### Connection data

#### Field level

|                                  |   |
|----------------------------------|---|
| Connection in acc. with standard | IEC / EN                                    |
| Connection method                | Spring-cage connection                      |
| Stripping length                 | 8 mm  |
| Conductor cross-section rigid    | 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross-section flexible | 0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> |
| Conductor cross-section AWG      | 24 ... 14                                   |

#### Controller level

|                       |                   |
|-----------------------|-------------------|
| Connection method     | IDC/FLK pin strip |
| Number of connections | 1                 |
| Number of positions   | 64                |
| Pitch                 | 2.54 mm           |

### Signaling

|                        |    |
|------------------------|----|
| Status display         | no |
| Status display present | no |

### Dimensions

#### Item dimensions

|        |        |
|--------|--------|
| Width  | 186 mm |
| Height | 45 mm  |
| Depth  | 50 mm  |

### Material specifications

|                             |                  |
|-----------------------------|------------------|
| Color                       | green (RAL 6021) |
| Housing insulation material | PVC              |

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## Environmental and real-life conditions

### Ambient conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)         | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |

## Standards and regulations

|                       |              |
|-----------------------|--------------|
| Standards/regulations | IEC 60664    |
|                       | DIN EN 50178 |

## Mounting

|                   |                   |
|-------------------|-------------------|
| Mounting type     | DIN rail mounting |
| Mounting position | any               |

## Notes

|                    |  |
|--------------------|--|
| Notes on operation | For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met. |
|--------------------|--|

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## Drawings

Circuit diagram



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## Environmental product compliance

EU REACH SVHC

| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|
|-------------------------------------|----------------------------|

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